



KLIMAIRE **U**PRO SERIES



**SUPER HIGH
EFFICIENCY**
9,000 BTU - 36,000 BTU

Single-zone Heating & Cooling Mini-split Systems

Wall Mounted Units

Up to • 23 SEER2 • 9.5 HSPF2 • 13 EER2



KLIMAIRE[®]
Mark of Superior Quality



About Klimaire

Our products have proven their endurance and resiliency over time, operating in 70 different countries. Klimaire products exceed industry standards for energy efficiency and employ innovative technology to achieve the highest customer satisfaction.

Comfort Wise Systems

Ductless Mini-Split Systems are one of the fastest growing products in the US and popularity is rapidly increasing. They allow air conditioning and heating systems to be added quickly, economically and conveniently, often for some applications where installing comfort systems didn't seem possible or practical.

What Klimaire brings you...

Flexibility is the main driver of their popularity. Klimaire ductless systems are simple, reliable, easy to install, and extremely affordable. Klimaire slim single zone ductless systems offer built-in solutions with duct free technology benefits. These systems are integrated with innovative inverter technology providing individual comfort and control. With our U-PRO series we are committed to bring our valued customers additional innovations to improve user's comfort and savings.



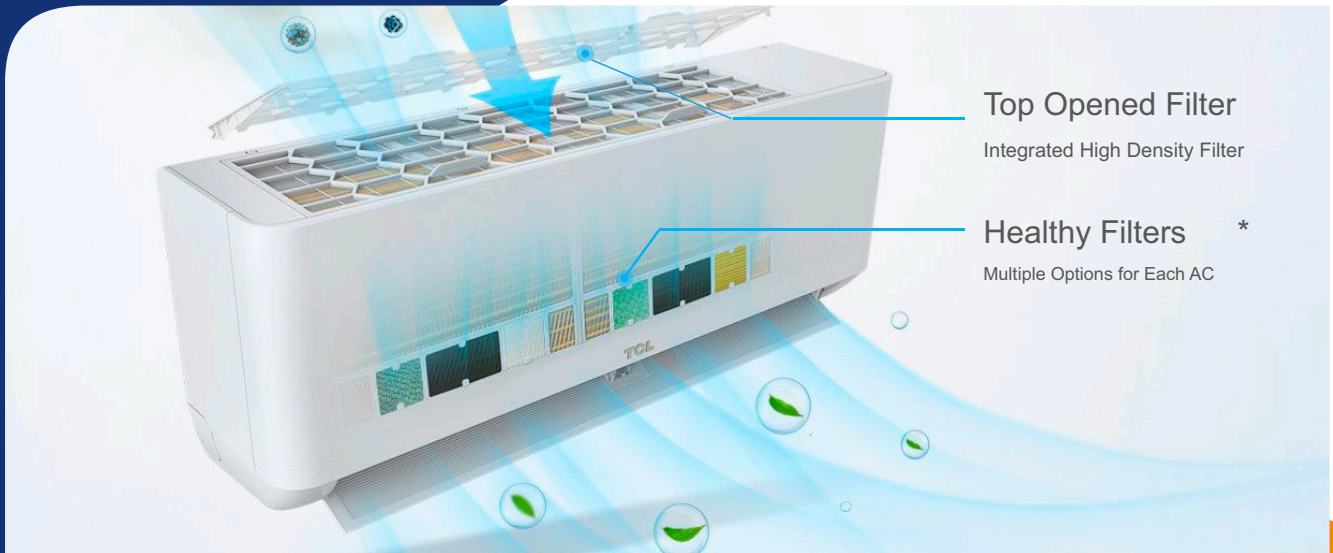
Personalized All-Year Solution

Experience true individual comfort in all rooms by considering a KLIMAIRE Comfort-Wise Do It Yourself Duct-Free Split air conditioning system. Klimaire heat pumps provide 4 season both cooling and heating in every room with individual temperature setting, humidity control and health benefits, eliminating unhealthy, inefficient and costly ductwork that circulates air year-over-year. Klimaire Ductless heat pumps circulates air through washable pre-filter and air purifying filters of vitamin C, activated carbon and catechin only dedicated to the room being conditioned.

Zone Control Advantage

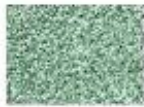


Healthy Air Filtration System



Top Opened Filter
Integrated High Density Filter

Healthy Filters *
Multiple Options for Each AC



Tea Polyphenols – Polyphenols are natural compounds that help to prevent the growth of micro-organisms and keep allergens out. Helpful in case of allergies.



Photocatalyst – This filter release electrons at its surface which interact with water in the air forming hydroxyl radicals which attack pollutants breaking their bonds apart turning them into harmless substances and water.



Anion – Negative anions, or anions, are particles that confer a net negative charge to the pollutant particles which make them to cling together and drop to the floor.



Activated carbon – Its highly porous surface attracts and removes certain odorous organic compounds and traps them instead of masking them instead of masking the offending odors.



Vitamin C – When the air passes thru this section of the filter it releases vitamin C. This makes to feel the indoor air fresh and healthy.



Static free – Uses static electricity to trap airborne particles making them heavier and positively or negatively charged and will no longer stay suspended, stick to the air filter releasing

133° F High Temperature Self-Cleaning System

Frosting → **Defrosting** → **High Temperature Drying** → **133F High Temperature Sterilization**

* Heat Pump DC Inverter Only
* Optional

Testing Report
Bacterial Killing Rate: **Up to 93.18%**

Built-in features will prevent growth of harmful micro-organisms by cleaning the evaporator of the indoor unit where accumulation of dust and bacteria could be a major issue. This function keeps the unit fresh and clean for the next operation.

Smart Control

Factory installed module improves functionality with SMART LIFE APP. You can remotely Manage your system via Wi-Fi from anywhere and at any time. The system can be controlled with amazon Alexa or Google assistant.



Smart Life

Control Multiple Units

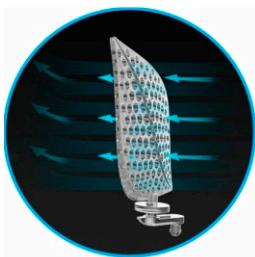


Works with Google Assistant

Works with alexa



The Features that optimize your comfort



Gentle Cool Wind

Avoid harsh cold draft and enjoy soft the comfortable soft air flow cooling with gentle breeze mode for superior refreshment.



Turbo Mode

This function enables the unit to reach the preset temperature at rapid cooling in 30 seconds or rapid heating in 60 seconds.

Long Distance Air Supply



The design that fits to any décor with a matt finish



INDOOR UNIT

Wall mounted

Optional Outdoor Installation on wall bracket

OUTDOOR UNIT

U-PRO Mini Split series are the preferred choice for the Pros. Its tilt support and larges space for pipe connection makes the installation easier and quicker.

Design in a way that homeowners can easily deeply clean the Cross fan and air supply area.

U-PRO Mini splits have the flexibility to virtually fit any application. In some cases, it is impractical to utilize the existing central system and the duct work for your home addition project.

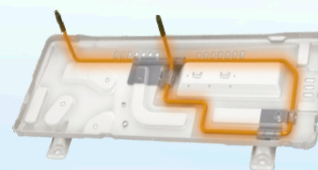
This system can be added as supplemental heating and cooling for your home additions.

U-Pro Mini split series are excellent for applications in commercial venues like barber shops, classrooms, restaurants, server rooms, ATMs and photo studios, hotels and motels, nursing homes, church sanctuaries etc.



Golden Fin

Anticorrosion coating to protect the outdoor coil from corrosive elements to maintain higher heat transfer for a longer time span










Base Pan Heater



To reduce ice build-up and keep efficiency high at low ambient temperature.

Key Features






COMFORT

-  **DRY MODE** – Independent dehumidification to reduce the humidity of the air to make ambient of a room more comfortable.
-  **I FEEL** – This function enables the remote control to measure the temperature at its location and send signals to the indoor unit to optimize the temperature around its position. You keep the remote control close to you, it is as if the air conditioner were following you.
-  **SLEEP MODE** – It can maintain the temperature at a lower setting at night during the sleeping hours.
-  **AUTO CLEAN** – This function cleans and dries the evaporator to prevent mildew growth and maintain healthy indoor air quality.
-  **4 WAY AIR FLOW** – Up-Down-Left-Right auto swing motion – moves the air in all directions .
-  **AUTO-RESTART** – After a power failure the system will automatically re-start in the same operating mode as before the outage when the power is restored.
-  **SMART AIR FLOW** – Powerful and silent air flow with larger louver makes wind blow farther and wider to cover every spot of the room.





ENERGY SAVING

-  **AWAY HOME-- (AH)** will automatically start the heating mode when the room temperature is lower than 46° F
-  **ECO MODE--**In this mode the AC will automatically set the operation to save energy.

CONVENIENCE

-  **24h Timer** – Allows the user to set the time when the AC will turn ON or OFF and the preferred settings.
-  **TURBO Mode** – With this function the AC will operate at the highest fan speed and speed to make the room comfortable quickly.
-  **AUTO Mode** – The operating mode will be set automatically according to the room temperature.
-  **EMERGENCY Button** – Allows to manually operate the AC at the preset ambient conditions when the remote is missing.
-  **Refrigerant Leak detection-Alerts** when the refrigerant charge is low to prevent damages to the compressor and turns automatically turns off the unit.

PERFORMANCE

-  **HIGH AMBIENT COOLING** – Strong cooling capacity in high ambient temperatures of up to 122° F
-  **LOW AMBIENT COOLING** – The unit can operate in cooling mode during the winter down to 5° F to cool an inner room.
-  **LOW AMBIENT HEATING** – Provides heating when the outside temperature is as low as -13° F.
-  **SELF-TROUBLESHOOTING** – Provides faster and accurate service diagnostics.

Klimaire i FEEL Remote Control

1 ON/OFF Button
To start / stop the operation of the unit when this button is pressed

2 DOWN (▼) Press this button to decrease the temperature of the room press the down arrow.

3 UP (▲) Press this button to increase the temperature of the room press the up arrow.

4 MODE The operation mode is changed in sequence (AUTO - COOL DRY - FAN - HEAT) every time this button is pressed.

5 ECO Function in this mode the unit automatically sets the operation to save energy. Press again to cancel.

6 TIMER The air conditioner can be turn automatically ON / OFF at any desired time.

7 FAN To set the Fan press MODE until (🌀) appears on the display. Use it for air ventilation only.

8 SLEEP Pre-set automatic operation. To activate press the SLEEP button and (☾) appears on the display. It can keep the most comfortable temperature and save energy. Press again to cancel this function.

9 DISPLAY To switch ON/OFF the unit panel led display to direct the air flow.

10 SWING (↔) Press this button to activate the vertical deflectors to swing from left to right to direct the air flow.

10 SELF-CLEAN Press SWING (↔) and SWING (↕) buttons at the same time to activate the Self-clean function. This is a pre-set program to clean the indoor coil.

11 SWING (↕) Press this button to activate the horizontal flaps to swing from up to down.

12 MUTE Press the MUTE button to activate/deactivate this function. When it is pressed the auto fan speed will display in the remote control. To cancel press FAN/TURBO/SLEEP. Inactive in dry mode.

13 TURBO Press TURBO to activate/deactivate the SUPER function which enables the unit to reach the preset temperature in the shortest time. To switch °F to °C press and hold for 5 seconds.

14 I FEEL To switch ON / OFF to initiate the Follow me function, the remote senses actual temperature at its location and sends signal for better comfort as if the remote were following you.

15 AH (Away Home) Activates/Disables to avoid freezing of the home when you are away during colder months keeping it at 46° F in heating mode.



I FEEL Remote Control & Wall Holder

	Battery indicator		Fan speed indicator: Auto/Low/Mid/High
	Auto Mode function indicator		Mute function indicator
	Cooling Mode indicator		SUPER function indicator
	Dry Mode indicator		Up-down auto swing indicator
	Fan only Mode indicator		Left-right auto swing indicator
	Heating Mode indicator		SLEEP function indicator
	ECO Mode indicator		Health function indicator
	Timer indicator		I FEEL functions indicator
	Temperature indicator		46°F Stand-by Heating

⚠ The display and some functions of the remote control may vary according to the model.

⚠ The unit confirms the correct reception of each button with a beep.

⚠ The shape and position of buttons and indicators may vary according to the model, but their function is the same.

⚠ The display and some functions of the remote control may vary according to the model.

ACCESSORIES

Outdoor Unit Brackets



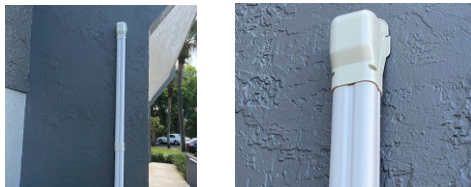
Accommodate all brand condensing and heat pump units. Brackets include all anchoring accessories to mount the outdoor unit on an exterior wall or on the roof.

Mini Condensate Removal Pump



Ultra slim, high performance, easy to install mini condensate removal pump is used where you need an alternative to expel water removed from the air by your air conditioning unit.

Refrigerant Line Cover Kit (13 ft)



Elegant and Durable PVC line cover kit hides and covers up to 13 ft length of all exposed refrigerant tubing along the external wall of your home to give an attractive and professionally finished installation.



NOMENCLATURE

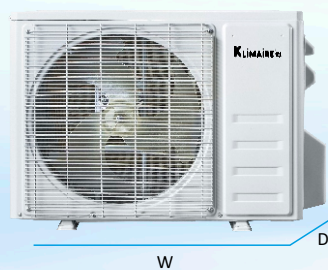
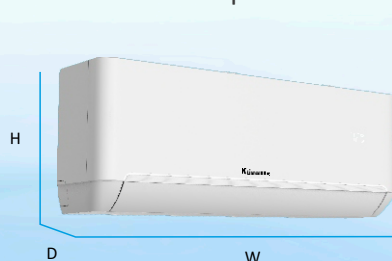
K	I	W	U	12	H	1	-	1	T
Brand	Component	Unit Type	Family	Capacity	System	Voltage		Generation	Minor Design Feature
K: Klimaire	I: Indoor O: Outdoor	I: Inverter OU W: Wall Mount FCU		(kBtu/h) 09 12 18 24 36	H: Heat Pump	1: 115V / 1ph /60Hz 2: 208-230V / 1ph / 60Hz			

KIWU-KOIU

TECHNICAL SPECIFICATIONS

Klimaïre Model Number		KIWU09H1-1T KOIU09H1-1	KIWU12H1-1T KOIU12H1-1	KIWU12H2-1T KOIU12H2-1	KIWU18H2-1T KOIU18H2-1	KIWU24H2-1T KOIU24H2-1	KIWU36H2-1A KOIU36H2-1	
Type		Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating	
Control type		Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	
Power supply		115V / 60Hz / 1ph	115V / 60Hz / 1ph	208/230V / 60Hz / 1ph	208/230V / 60Hz / 1ph	208/230V / 60Hz / 1ph	208/230V / 60Hz / 1ph	
Rated Cooling (95° F / 35° C)	Rated Cooling Capacity	Btu/h	9,000	12,000	12,000	18,000	23,000	36,000
	EER2	Btu/W.h	12.5	12.5	13.0	13.0	12.5	9.0
	SEER2	Btu/W.h	23	22	23	22	20	19
	Rated Heating Capacity (47° F)	Btu/h	9,500	12,000	12,000	18,000	24,000	36,000
Rated Heating	Rated Heating Capacity (17° F)	Btu/h	6,000	7,500	7,500	10,000	14,000	19,800
	Max. Heating Capacity (19° F)	Btu/h	8,000	10,000	10,000	14,000	18,000	26,000
	Max. Heating Capacity (5° F)	Btu/h	7,000	8,700	9,100	11,900	16,000	21,100
	HSPF2 (Region IV)	Btu/W.h	9.0	9.0	9.5	8.8	8.8	8.5
	HSPF2 (Region V)	Btu/W.h	7.8	7.8	8.2	7.6	7.6	7.0
	COP2	W/W	3.5	3.5	3.5	3.5	3.2	1.75
	COP (5° F)	W/W	1.8	1.8	1.8	1.8	1.8	1.7
	Rated Input Consumption	Cooling	W	710	920	920	1,350	1,920
Heating		W	730	910	910	1,310	2,050	3,500
Rated Current	Cooling	A	6.4	8.2	4.1	6.1	8.6	16.5
	Heating	A	6.5	8.2	4.1	5.9	9.2	15.2
Minimum Circuit Ampacity - MCA	A	16	17	11	13	19	23	
Maximum Fuse Size	A	25.0	25.0	15	20	30	35	
Maximum Operation Pressure	psig	550	550	550	550	550	550	
Moisture removal	cu.in./min	1.12	1.63	1.63	1.65	2.65	3.05	
Indoor airflow	cfm	382/324/265	471/382/294	471/382/294	735/618/529	735/618/529	847/700/588	
Indoor noise level at cooling	Turbo/High/Med./Low/Mute	dB(A)	42/39/34/29/27	45/39/34/29/27	45/39/34/29/27	48/45/40/35/31	51/48/43/38/35	52/49/43/38/36
	Outdoor airflow	cfm	1235	1235	1235	1941	2647	2350
Outdoor noise level	dB(A)	50	52	52	52	58	63	
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number	AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Suitable area	sq.ft	Up to 400	Up to 550	Up to 550	Up to 1000	Up to 1500	Up to 2500	
Net dimensions (W x D x H)	Indoor	in	32.28x7.68x12.05	32.28x7.68x12.05	32.28x7.68x12.05	43.31x8.74x13.11	43.31x8.74x13.11	46.93x10.23x14.17
	Outdoor	in	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	33.26x14.96x27.51	35.83x16.54x31.50	35.83x16.54x31.50
Net weight	Indoor	lb	20.9	23.1	23.1	30.9	30.9	41.9
	Indoor with accessories	lb	23.8	25.4	25.4	33.1	33.1	45.2
	Outdoor	lb	51.8	60.4	59.1	84.9	104.7	112.5
	Outdoor with 16ft pipe	lb	56.2	64.8	63.5	89.3	109.1	116.8
	Indoor Packing dimensions (W x D x H)	in	35.0 x 10.4 x 15.0	35.0 x 10.4 x 15.0	35.0 x 10.4 x 15.0	45.9 x 11.6 x 16.0	45.9 x 11.6 x 16.0	49.8 x 13.3 x 17.1
Outdoor Packing Dimensions (W x D x H) (w/o Pipe & Accessory Parts)		in	33.1 x 13.4 x 23.8	33.1 x 13.4 x 23.8	33.1 x 13.4 x 23.8	37.8 x 16.9 x 29.5	40.5 x 19.1 x 33.5	40.5 x 18.7 x 33.9
	Gross weight w/o pipe	Indoor	lb	25.4	26.5	26.5	35.3	35.3
Indoor with all accessories		lb	28.7	29.8	29.8	37.5	37.5	51.8
Outdoor		lb	56.2	65.5	64.4	93.7	119.0	123.5
Outdoor Packing dimensions (W x D x H) (with 16ft pipe)	in	33.5 x 14.1 x 24.0	33.5 x 14.1 x 24.0	33.5 x 14.1 x 24.0	37.8 x 16.9 x 29.5	40.5 x 19.1 x 33.5	40.5 x 18.7 x 33.9	
Outdoor Gross weight with 16ft pipe	lb	60.6	69.9	68.8	98.1	125.7	123.5	

KIWU 9k-24k | Indoor unit



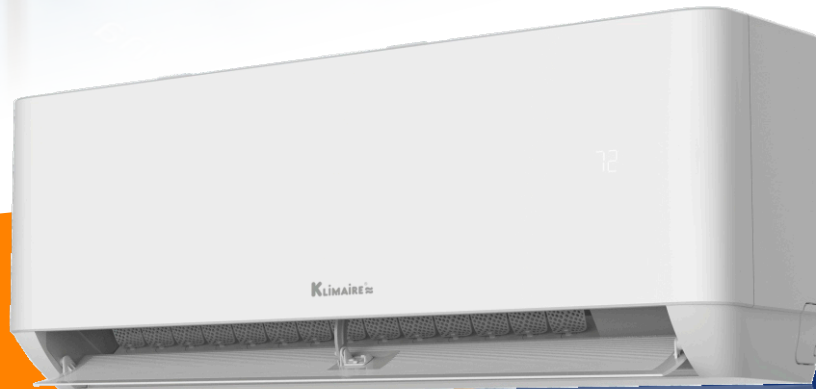
KIWU36 | Indoor unit



Thin & Slim design

9 and 12 kBtu 7.68 in
 18 and 24 kBtu 8.74 in
 36 kBtu 10.23 in

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UPRO
SERIES



Note: The data in this brochure may be changed without notice for further improvement on quality and performance

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